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(71) Applicant: **ISHIKAWAJIMA HARIMA HEAVY
IND CO LTD**

(72) Inventor: **MIYAGAWA HITOSHI
YASO YOSHIKI**

(54) LIQUEFIED GAS VAPORIZER

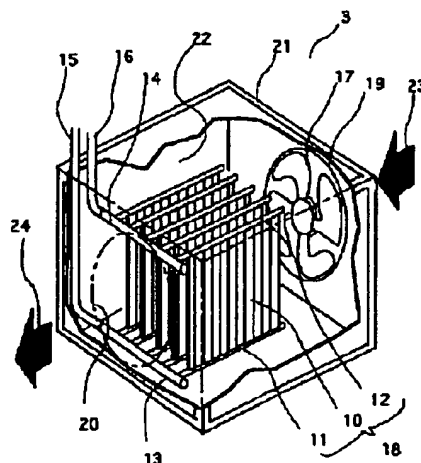
(57) Abstract:

PROBLEM TO BE SOLVED: To utilize sea water as an external heat source, and to prevent the performance of a heat transfer surface from being affected even in a presence of the oscillation by waves by providing a foundation structural body provided in the vicinity of sea surface of a marine liquefied gas station and a heat exchanger mounted on the foundation structural body so that the heat transfer surface is below the seal level.

SOLUTION: A foundation structural body 21 is installed on a marine liquefied gas vaporization and reception base so that a liquefied gas vaporizer 3 is located below the sea level. When a propeller 17 is turned, sea water flows into a duct 22 of the liquefied gas vaporizer 3 from an inlet flow passage 19, and flows along the surface of a plurality of heat exchangers 18 and is heat-exchanged, and discharged through an outlet flow passage 20. The liquefied gas is fed to a lower header 13 through a liquefied gas inlet piping 15, fed to a panel lower header 11 branched into a plurality of pieces, elevated perpendicularly inside the heat exchanger 18, heat-exchanged with sea water and gasified. The gas is collected in a panel upper header

12 and an upper header 14, and discharged outside through a gas outlet piping 16.

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